

Sylbay 4000K L2 14000LM WIDE DALI

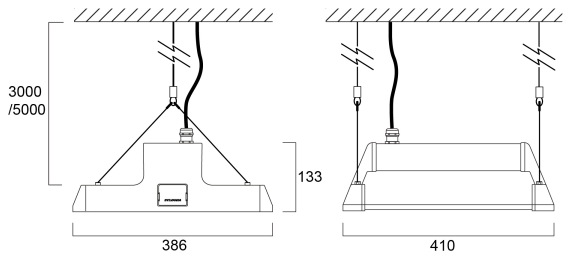
Item No: 0040304



Logistics and Industry modular high bay luminaire with wide optics to provide homogenous light distribution for open space areas. Single body with 2 optical modules, 14200 lumens, 95W, 150lm/W, 4000K, CRI 80, wide beam optic, DALI dimmable, 3 step MacAdam ellipse, grey finish (RAL7012), Class 1, 220-240V, IP65, IK08, (LxWxH) 410x386x133mm, Mains + control cable of 2 meter. Ball-impact-resistance according to VDE 0710-13 in suspended mounting mode.

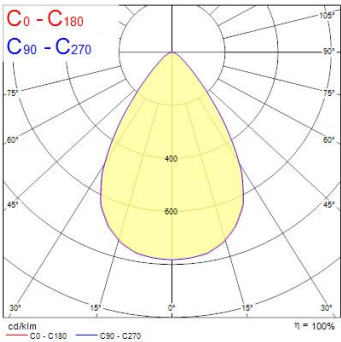
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Illuminance [lx]
0.5	0.68	68.0°	0.68	0.36	44434
1.0	1.37	68.0°	1.37	1.45	11109
1.5	2.05	68.0°	2.05	3.32	4277
2.0	2.74	68.0°	2.74	5.98	2377
2.5	3.42	68.0°	3.42	9.32	1511
3.0	4.11	68.0°	4.11	13.38	1054



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General data

Product name	Sylbay 4000K L2 14000LM WIDE DALI
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Suspended
Fixture rating	Enclosed
General application	Logistics & Industry
Operating temperature range (°C)	-40°C...+50°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001716
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	14200
Fixture luminous flux (lm)	14200
Luminaire efficacy (lm/W)	150
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Beam Angle (°)	75
Glare control	< 21
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	95
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	5.1
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Control gear mounting	Integral
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	650
Inrush Current (A)	65
Inrush Duration (µs)	268
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	5
Max. products per 13A C Breaker	7
Max. products per 16A C Breaker	8
Max. products per 20A C Breaker	10
Max. products per 10A B Breaker	3
Max. products per 13A B Breaker	4
Max. products per 16A B Breaker	5
Max. products per 20A B Breaker	6

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	120000
Lifespan L90 B10	52000

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Physical data

Housing colour	Grey
IP rating	IP65
IK rating	IK08
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	410
Nominal Product Width (mm)	386
Nominal Product Height (mm)	133
Weight (kg)	5.03

Packaging

Product EAN number	5410288403045
Packaging single length / height (cm)	60.0
Packaging single width (cm)	48.0
Packaging single depth (cm)	26.0
DUN14 (inner)	05410288403045
Units per outer package	1
Packaging outer length / height (cm)	60.0
Packaging outer width (cm)	48.0
Packaging outer depth (cm)	26.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-40-50